

POPA, C.; CONSTANTINESCU, T.

Anticorrosive protection by enamel-chlorine-rubber in
the phosphorous fertilizer industry. Rev chimie Min petr
15 no. 5:298 My '64.

POPA, C.; RADUCANU, C.; STEFANESCU, Amelia

Obtaining hexachlorobenzene from the inactive isomers of the
hexachlorocyclohexane in a single phase. Rev chimie Min petr
15 no.10:601-607 O '64.

L 64816-65 EPF(c)/EWP(j) RM

ACCESSION NR: AP5023226

RJ/0003/61/015/010/0601/0607

AUTHOR: Popa, C.; Raducanu, C.; Stefanescu, Amelia

16

B

TITLE: Single-phase production of hexachlorobenzene from the inert isomers of hexachlorocyclohexane

SOURCE: Revista de chimie, v. 15, no 10, 1964, 601-607

TOPIC TAGS: isomer, chlorinated organic compound, chlorobenzene, cyclohexane

ABSTRACT:

With a view to the industrial conversion of the inert isomers of hexachlorocyclohexane to hexachlorobenzene, used as a fungicide or an intermediate product in producing pentachlorophenol, the authors studied the oxidation of hexachlorohexane with chlorosulphonic acid, the chlorination of inert isomers with chlorine in the melted phase, and the chlorination of active hexachlorohexane with chlorine in the gaseous phase. They found that the two latter techniques are industrially usable, giving high yields and products of high purity, and that the last one is also very productive. Orig. art. has: 9 tables, 6 formulas, 5 graphs, 1 figure.

Card 1/2

L 64816..65

ACCESSION NR: AP5023226

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: OC, GC

NR REF Sov: 000

OTHER: 030

JPRS

MLK
Card 2/2

POPA, G., ing.; SERBANESCU, I., ing. SIRB, Gh., ing.

Use of spherical discard heads in casting steel parts.
Metalurgia constr mas 15 no.8:503-505 Ag '63.

ALEXANDRESCU, I.; POPA, C.

Influence of the protective screens in the first eight years on the vineyards of Murfatlar, region of Dobruja. Comunicarile AR 11 no.10: 1273-1282 O '61.

1. Comunicare prezentata de Gherasim Constantinescu, membru corespondent al Academiei R.P.R.

POPA, Constantin, ing. SIGARTAU, S.

The Borzești Chemical Aggregate Works in full development, St
si Teh Buc 15 no.3:6-8 Mr '63.

RUMANIA

MARINESCU, I., Dr, Prof, of the Pedagogical Institute (Institutul Pedagogic), Pitesti, DABIIJA, Gh., Dr, and POPA, Cornelia, Pharmacist, of the Pasteur Institute for Veterinary Research and Biological Products (Institutul de Cercetari Veterinare si Biopreparate Pasteur).

"Studies on the Dynamics of Whole Protein and Protein Fractions in Repeated Swine Bleeding for Hog-Cholera Antiserum."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 8, Aug 66, pp 63-68.

Abstract [Authors' English summary modified]: The authors studied the dynamics of total proteinemia in 10 pigs immune to hog cholera that were bled four times within a 12 to 14 day period. They found some disturbance of the protein balance, particularly a decrease in total proteins, which was most marked at exsanguination. Albumins, alpha- and beta-globulins showed no significant differences between the four bleedings; gamma globulins decreased in the later bleedings, especially the last one, but the decrease was found to be statistically insignificant.

Includes one figure, 12 tables and 12 references, of which 4 Rumanian, 3 Russian and 5 Western.

1/1

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A real holiday. Constr Buc 14 no.649:1 16 Je '62.

1. Santierul no.1 Balta Alba, Centru al I.C.M. no.2 (D.G.C.M.B.).

POPA, Constantin Gh.

On the matrix functional equation of Alembert. Studii cerc mat
14, no.3:377-390 '63.

POPA, Gh. (Bucuresti)

"Okeanologiya," a new review in the USSR. Natura Geografie
14 no.1:86-87 Ja-F '62.

POPA, C.
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, No 7, Jul 1961, pp 34-35.

Data: " 'Carbadin', a Substitute for Copper Sulfate."

Authors:

POPA, C., Engineer.
OPREA, D., Engineer.

POPA, C., ing.; OPREA, D., ing.

Carbadin, a substitute of the copper sulfate. St. nr. Toh Due 13 no.7:
34-35 Jl '61.

COUNTRY: Romania
CATEGORY: CULTIVATED PLANTS. Potatoes. Vegetables. Cucurbits.
ADS. JOUR: REF ZHUR. BIOLOGIYA, NO. 4, 1959. No. 15678

AUTHOR: Popa, D.
INST.: Com/Acad.RPR
TITLE: Fertilization of Lettuce in Hothouse.

ORIG. PUP.: Comun. Acad. RPR, 1958, 8, No.2, 209-214

ABSTRACT: No abstract

CARD: 1/1

POPA, D.N., ing.; SARAMENT, M.G., ing.

Hydrocyclones as purifiers in the pulp and paper industry.
Pt.1. Cel hirtie 13 no.11/12:414-419 N-D '64.

LAZUR'YEVSKIY, G.V.; POPA, D.P.

Synthesis based on sclareol. Trudy VNIISNDV no.4:82-84 '58.
(MIRA 12:5)

1. Kishinevskiy gosudarstvennyy universitet.
(Sclareol)

YAKOVLEV, I.P.; POPA, D.P.

Catalytic synthesis of ketones. Part 5: Synthesis of methyl phenyl,
ethyl phenyl, methyl n-propyl, and di-n-propyl ketones. Zhur. ob.
khim. 28 no.9:2475-2478 S '58. (MIRA 11:11)

1. Kishinevskiy gosudarstvennyy universitet.
(Ketone)

PANDELE, Iuliana; POPA, D.

The dynamics of carotene and of the main chemical components during
the course of the growing period of carrot roots. Studii cerc.biol.
veget. 11 no.4:417-433 '59. (NEAI 9:5)

1. Comunicare prezentata de T. Bordeianu, membru corespondent al
Academiei R.P.R.

(Carrots)

(Carotene)

AUTHORS:

Lazur'yevskiy, G. V., Popa, D. P.

SOV/79-29-1-70/74

TITLE:

Syntheses Based Upon Sklareol (Sintezy na osnove sklareola).
I. Investigation of the Reaction Products of Sklareol With
Hydrogen Chloride (I. Issledovaniye produktov vzaimodeystviya
sklareola s khloristym vodorodom)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, pp 332-336 (USSR)

ABSTRACT:

Ditherpene alcohol has attracted the attention of chemists because of its peculiar structure (I) and availability. It is a part of nutmeg sage and can be easily synthesized as a by-product in the production of etherial sage oil. During the past years the chemists have dealt with its structure which is related to ambrain and plays an important part in perfume production. In connection with the oxidizing separation of sklareol indeed several pleasant-smelling compounds were obtained which may be used as perfect substituents for amber. The possibilities of transformation of sklareol into new products valuable in practice have not been exhausted. The authors investigated the hydrochlorination of sklareol in order to obtain its derivatives, containing the amino group. They did, however, not succeed in separating the well-known trichlorosklareol. In this

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SOV/79-29-1-70/74

Syntheses Based Upon Sklareol. I. Investigation of the Reaction Products of
Sklareol With Hydrogen Chloride

connection each time the liquid product $C_{20}H_{33}Cl$ was obtained. The analysis of its infrared spectrum showed that it is related to the spectra of sklarenes (II) and (III) which were obtained in connection with the dehydration of sklareol (Ref 6) and that in the molecule of the reaction product of sklareol with HCl a tertiary-primary $>C=CH_2$ and a secondary-primary- $CH=CH_2$ bond is contained. The presence of a tertiary-primary carbon-carbon bond in the reaction product of sklareol with HCl was also confirmed by the combination separation spectra. Apart from this a line in the spectra indicated the presence of chlorine in this product. In the case of a careful oxidation of the before obtained monochloro derivative with permanganate two products were separated: The neutral one with the composition $C_{20}H_{32}O$ melts at $97-98^{\circ}$, has no active hydrogen, does not produce an oxime and semi-carbazone and with respect to its spectrum analysis it has the group $\begin{array}{c} >C-O-C< \\ | \quad | \end{array}$ and $-CH=CH_2$.

Based upon these results the above mentioned neutral product

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Syntheses Based Upon Sklareol. I. Investigation of the Reaction Products of
Sklareol With Hydrogen Chloride

SOV/79-29-1-70/74

can be classified among the oxides of the structure (V). The second product with a melting point of 99 - 101° is an oxy acid of the composition $C_{15}H_{26}O_3$ and corresponds to the chemical and spectrum analytical investigations according to formula (IV). Also the further investigation results proved that the reaction product of sklareol with HCl is a mixture of isomers with the composition $C_{20}H_{33}Cl$, one of them is compound (VII). There are 3 figures and 7 references, 2 of which are Soviet.

ASSOCIATION: Moldavskiy filial Akademii nauk SSSR (Moldavian Branch of the Academy of Sciences, USSR)

SUBMITTED: November 4, 1957

Card 3/3

POPA, D.P.; LAZUR'IEVSKIY, G.V.

Syntheses based on sclareol. Part 2: Reaction of hydrochlorination of sclareol and dihydrosclareol. Zhur.ob.khim. 30 no.6:2070-2073 Je '60. (MIRA 13:6)

1. Institut khimii Moldavskogo filala Akademii nauk SSSR.
(Sclareol)

HOLUB, M.; POPA, D.P.; HEROUT, V.; SORM, F.

Terpenes. Pt. 159. Coll Cz Chem 29 no.4:938-942 Ap '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague (for all except Popa).
2. Institute of Chemistry, Moldavian Academy of Sciences, Kishinev, U.S.S.R. (for Popa).

POPA, D.P.; LAZUR'YEVSKIY, G.V.

Syntheses based on sclareol. Part 3: Synthesis of amino derivatives of sclareol. Zhur.ob.khim. 30 no.6:2074-2077
Je '60. (MIRA 13:6)

1. Institut khimii Moldavskogo filiala Akademii nauk SSSR.
(Sclareol)

POPA, D.P.; LAZUR'YEVSKIY, G.V.

Synteses based on sclareol, Part 5: Preparation of N, N-di (Chloroethyl)-15-amino- $\Delta^{8(20)}, 13(14)$ -sclaradiene. Zhur.ob.khim. 31 no.5:1729-1731 My '61. (MIRA 14:5)

1. Institut khimii Moldavskogo filiala AN SSSR.
(Sclareol)

POPA, D.P.; LAZUR'YEVSKIY, G.V.

Syntheses based on sclareol. Part 6: Some new physiologically active amino derivatives of sclareol. Zhur. ob. khim. 31 no. 11:3835-3838 N '61. (MIRA 14:11)

1. Institut khimii Moldavskogo filiala Akademii nauk SSSR.
(Sclareol)

RUMANIA/Cultivated Plants - General Problems.

M-1

Abs Jour : Rec Zhur - Biol., No 9, 1958, 39140

Author : Popa, D.

Inst :

Title : Supplementary Light for the Forest Cultivation of Vegetables and Flowers.

Orig Pub : Gradina, via si livada, 1957, 6, No 1, 33-37.

Abstract : The results obtained by using supplementary light in forcing the cultivation of vegetables and flowers in a series of experimental paper. An artificial supplementary illumination produced by using buthane gas was tried out at the vegetable growing experiment station in Tiganesht (Rumania) in the year 1953 in order to force the growth of tomatoes. This kind of illumination is favorable to the growth and development of tomatoes. -- Ye.T. Zhukovskaya

Card 1/1

L-59209-65

ACCESSION NR: AR5017536

UR/0058/65/000/006/D033/D033

B(3)

SOURCE: Ref. zh. Fizika, Abs. 6D246

AUTHORS: Saley, L. A.; Lazur'yevskiy, G. V.; Popa, D. P.

TITLE: Infrared spectra of some derivative diterpenes of the sclareol series

CITED SOURCE: Izv. AN MoldSSR. Ser. yestestv. i tekhn. n., no. 9, 1963, 69-73

TOPIC TAGS: infrared spectrum, sclareol derivative, characteristic frequency, epimer pair

TRANSLATION: Infrared spectra of the derivatives of diterpenes of the sclareol series were obtained (chlorides, amines, epoxides, acids, ethers, and some compounds which are the intermediate or final products of syntheses based on sclareol, and also epimers in the 13th asymmetrical center). The characteristic frequencies of these compounds are established. The dependence of the infrared spectra on the epimer pairs of compounds of the spatial location of the substitutes at C₁₃ is noted.

SUB CODE: OC, OP

ENCL: 00

Card 1/1

POPA, D. P.; LAZUR'YEVSKIY, G. V.

Syntheses involving sclareol. Part 7: Sclareol and 13-epi-sclareol from clary (*Salvia sclarea*). Zhur. ob. khim. 33 no.1:303-307 '63. (MIRA 16:1)

1. Institut Khimii AN Moldavskoy SSR.

(Sclareol) (Clary)

ILIESCU, Lucia, ing.; ROSINGER, P., ing.; POPA, E., ing.

Possibilities of utilization of some oxidated ores composed of copper carbonates, oxides, and silicates. Rev min 15 no.3:117-122 Mr '64.

SUHACI, I.; URSACHE, R.; POPA, E.

Preservability of the Hertfordshire strain of avian pseudo-pest virus.
Stud. cercet. inframicrobiol., Bucur. 8 no.2:213-219 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei
R.P.R. in sedinta din 28 martie p956.

(NEWCASTLE DISEASE, virus

Hertfordshire strain, viability after storage in various cond.
in presence & absence of sodium merthiolate)

(ANTISEPTICS, MERCURIAL, eff.

sodium merthiolate, on viability of Newcastle virus after
storage at various temperatures)

POPA E., Sevcenco, V.

Some new species in the mycoflora of our country. p. 131.

AN ALBUM SERIA STINTELOR NATURII. Bucuresti, Rumania. Vol. 7, no. 20, 1958.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, no. 9, Sept. 1959.
Uncl.

CASANDROIU, Tudor (Bucuresti); STANCIU, A., prof. (Braila); IONESCU-TIU, C.;
VOICULESCU, Dan (Bucuresti); SIMIONESCU, Gh. D.; STRATESCU, Ion
(Bucuresti); HEYLING, C. (Bucuresti); PIRSAN, Liviu (Bucuresti);
TOMESCU, Ioan (Bucuresti); GRIGORESCU, Serban, I.; LIVIU, Petre, prof.
(Tirgoviste); DANCILA, Ion (Sibiu); DUMITRU, Acu (Cluj); POPA, E.
(Iasi); SANDULACHE, C., prof. (Negresti, Iasi); TUDOR, C.N. (Bucuresti)

Proposed problems. Gaz mat B 16 no.3;129-133 Mr '65.

PASCU, L.; TIGAERU, N.; ELEFTERESCU, A.; POPA, E.; NEGREANU, V.

Influence of the lyophilizing process on the virulence and immunizing power of "H" virus. Stud. cercet. inframicrobiol. Bucur. 12 no.2: 205-215 '61.

(NEWCASTLE DISEASE immunology) (POULTRY diseases)
(VACCINES)

MARDEROS, L., ing.; POPA, E., ing.

Improvement of the technological flux in the flotation of complex
ores. Rev min 15 no.11:586-589 N '64.

FURNICA, Maria; POPA, Elena; POPCVICI, O.

Action of the deoxiribonucleic acid extracted from normal and
irradiated tissues on the hepatic catalase acitivity. Pt.1.
Studii cerc biochimie 8 no.1:43-48 '65.

1. Oncologic Institute, Bucharest. Submitted November 10, 1964.

Popa, Ecaterina

RUMANIA / Chemical Technology. Fermentation Industry. H-27

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79289.

Author : Teodorescu, St., Basamac, C., Popa, E.

Inst : Not given.

Title : The Elimination of a Predisposition to Sickness
in Wines from Hybrids of Direct Producers.

Orig Pub: Gradina via si livada, 1958, 7, No 3, 15-18.

Abstract: In the wines from the hybrids of direct producers one year after they have been treated with sulfur dioxide (20 grams/hectoliter) plus charcoal (100 grams/hectoliter) plus colloidal bentonite (200 grams/hectoliter), the content of volatile acids was increased in brands Noax, Ananas and Otello by 33.5 and 5% respectively [sic]. In the fermentation with an addition of 10% of husks from "noble" grape varieties and the treatment with SO₂ (15 grams/hectoliter), the content of volatile

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POPA, ECATERINA

RUMINI/Chemical Technology. Chemical Products and Their
Applications. Fermentation Industry.

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29228.

Author : Basarne, C. and Popa, E.

Inst :

Title : Wines from Selfed Hybrid Plants.

Orig Pub: Gradina via si Livada, I, No 9, 25-27 (1958)
(in Rumanian)

Abstract: Soviet-developed technology was applied to the production of Kagor type wine from selfed hybrid Othello and Ananas vines by the addition of up to 16 vol% alcohol and 160 gms/liter sugar to the distillate obtained from these grapes; the wines obtained tested 8.21 and 8.61, respectively, on the Prostoscrdov

Card : 1/3

SEPTILICI, Georgeta; CIOBANU, Henriette; GHERMAN, Maria; ATANASIU, C.; POPA,
Esterina; BASAMAC, C.

Efficient methods for the complete fermentation of the sulfitized
musts with increased contents of sugar and acids. Comunicarile AR 11
no.10:1265-1272 0 '61.

1. Comunicare prezentata de Gherasim Constantinescu, membru corespondent
al Academiei R.P.R.

SANDULESCU, Iosif, ing.; POPA, Elena, ing.

Reduction of the reciprocal car exchange between two parallel
shunting yards; a means of hauling time improvement. Rev. editor
for II no. 4, 2007, 212 Ap. 16(1).

POPA, Emil (Caracal)

Demonstration of a trigonometric inequality. Gaz mat B 15 no.1-16-17
Jan '64.

Rumania/Chemical Technology - Chemical Products and Their Application. Synthetic Polymers. Plastics, I-

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63131

Author: Simionescu, Cristofor; Grigoras, Marg.; Popa, Eugen; Stejaru, Grigore

Institution: None

Title: Industrial Utilization of Vegetable Proteins for the Production of Plastics. Communication VI

Original

Periodical: Consideratiuni asupra obtinerii si industrializarii proteinelor vegetale mase plastice (Comunicarea VI). Studii si cercetari stiint. Acad. RPR fel Lasi, 1953, 4, No 1-4, 245-256; Rumanian; Russian and French resumés

Abstract: On condensation of vegetable protein (for example from sunflower or pumpkin waste) in strongly acid medium with formalin or in a weakly acid or weakly alkaline medium with furfural a condensation product is obtained from which a plastic is produced by mixing with plasticizers (glycerol, tricresyl phosphate, dibutyl phthalate, Na-butyrate

Card 1/2

✓ Subphonation of dolphin oil. Gh. Alexa, E. Popa and N. Iovan
Bull. Inst. pol. Jassy, 1955, 1, 137-177. - 100 g. dolphin
oil is treated by slowly adding over 15 min. with 35% H₂SO₄
(66% Ba) continuously stirring and keeping the temp. +15°(0-15°).
The mixture is allowed to stand for 3 hr., washed with aq. Na₂SO₄,
and again allowed to stand. It is then decanted, re-washed in the
same manner and finally neutralized with 2 l. of 36% aq. NaOH
to a pH of 6.7. The sphonated oil has a reddish-brown colour
and can be advantageously used as a substitute for sphonated
castor oil, compared with which it exhibits a superior stability in
contact with hard water. (From French summary.) J.S.C.

PoPn, Eug

RUMANIA/Chemical Technology. Chemical Products and Their Application. Part 3. - Treatment of Natural Gases and Mineral Oils, Motor and Rocket Fuel, Lubricants.

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71978.

Author : M. Dima, Eug. Popa, V. Dudila.

Inst : Iasi Polytechnical Institute.

Title : Use of Mineral Oil Fractions in Production of Ceramic Insulators in Rumania.

Orig Pub: Bul. Inst. politehn. Iasi. 1956, 2, No 3-4., 117-128.

Abstract: Positive experimental results in substituting wood resin (used in the fabrication process of electric insulators) with fractions of Rumanian mineral oil (boiling point above 200°) with a small admixture of non-alimentary fats or industrial soap are reported.

Card : 1/1

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FORH, EUG RUMANIA/Chemical Technology - Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete. H-13

Author Name : Nicolae Popescu, No. 11, 1956, British

Author : Nicolae Popescu, Faculty of Engineering, University of Iasi, Faculty of Technology, Iasi, Romania

Inst : Iasi Polytechnic Institute.

Title : Study of the Effect of Shrinkage Due to Spontaneous Drying on Economic Indices at the Ciurea Brick Factory.

Orig Pub : Bul. Inst. politehn. Iasi, 1956, 2, No 3-4, 401-416.

Abstract : To reduce the duration of drying it is recommended to charge the kilns with brick containing 14% moisture in lieu of 6-8%, without lowering thereby the production quality. As a result thereof the production output has been increased by 45%.

Card 1/1

MUNTEANU, Corneliu (Bucuresti); PESTROIU, Daniel (Tirgu Jiu); PIRSAN, Liviu (Bucuresti); VOICULESCU, Dan (Bucuresti); ALBESCU, I. (Zaraas) PELTEANU, Ioan (Bucuresti); STANCU, I.M. (Bucuresti); CHITESCU, Ion (Bucuresti); STANESCU, Ilie (Sibiu); IONESCU, Traian (Braila); KACSO, F. (Cluj); MANESCU, L. (Rimnicu Vilcea); IONESCU-TIU, C.; FOCSENEANU, M.I.; POPA, Eugen (Iasi); MIHALCA, Dan (Bucuresti); PELIGRAD Nicolae, prof. (Pitești); ȘMID, I. Dorin (Craiova); STANCU, Ion M. (Bucuresti)

Proposed problems. Gaz. mat B 16 no.2:86-91 F '65.

BIRZAN, Romanel, ing. (Cluj); DUMITRU, Acu (Nasaud); SANDULACHE, C., prof. (Negresti Iasi); SAVULESCU, Benone (Buzau); IOHESCU-TIU, C.; PIRSAU, Liviu; PRAVAT, V.V. (Iasi); SACTER, O.; ROPA, Eugen (Iasi); ZAMFIRESCU, Tudor; VOICULESCU, Dan (Bucuresti); BEJANCU, Aurel; BARAS, Robert (Botosani); JARCHY, Tatiana, profesoara (Bucuresti); HADIRCA, I. (Breaza); JORA, S. Boris (Babadag); ROMAN, T.; COSTACHESCU, C.V. (Constanta)

Proposed problems. Gaz mat B 15 no.2:80-85 F '64.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210010-7

Solved problems. Gaz mat B 16 no.4:160-169 Ap '65.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210010-7"

FLORIAN, Petru, prof. (Dej); MARUSTERU, St., (Baia Mare); HERLING, C., student; PIRSAN, L.C., student (Bucuresti); IONESCU-TIU, C.; COSTACHESCU, C.V.; LAMBA, Stelian (Constanta); LIVIU, Petre (Pucioasa); STRATESCU, Ion, student; BRINZANESCU, V., elev (Constanta); KLIM, Bratu, student (Bucuresti); TEMPEANU, C. (Hunedorara); CALINESCU, Aurelian (Brasov); MUNTEANU, Valentin (Cluj); OPREA, Miron (Ploiesti); MIHAILEANU, N.; TIGANOIU, Al., inginer; Buciului, Gh.; POPA, Eugen I. (Iasi)

Proposed problems. Gaz mat B 14 no.8:481-485 Ag '63.

1. Institutul Politehnic Bucuresti (for Herling).

SANDULACHE, G. (Negresti, Iasi); IONESCU-TIU, G.; PETRU, Simon;
MIHAILEANU, N.; VODA, Gh. Viorel (Bucuresti); BATINETU, D.M.
(Bucuresti); POPA, Eugen, (Iasi); STRATESCU, Ion

Solved problems. Gaz mat B 15 no.7-301-308 J1 '64.

NICULESCU, G.G. (Roman); COSTACHESCU, C.V.; SACTER, O.; BATINETU, D.M.
(Bucuresti); CHISALITA, Adrian (Cluj); PIRSAN, Liviu (Bucuresti);
GRIGORESCU, Serban I. (Bucuresti); BRATULESCU, I., prof.
(Constanta); UDRISTE, Constantin, prof. (Bucuresti); CALUGARITA,
Gh. (Bucuresti); VOICULESCU, Dan (Bucuresti); TEODORESCU, I.
(Galati); IONESCU-TIU, C.; POPA, Eugen I. (Iasi); POPA, H.
Alexandru (Pucioasa); STAVRE, Petre (Craiova); MUSTA, St. (Oradea)

Proposed problems. Gaz mat B 15 no.7:311-316 J1 '64.

CASANDROIU, T., elev (Ploiesti); DUMITRESCU, Florea I. (Craiova);
MUNTEANU, I., prof. (Vaslui); METTLER, Martin, prof. (Viseul de
sus); TOMOIOAGA, D.M.; IONESCU-TIU, C.; STANESCU, I., (Sibiu);
SULA, Octavian (Valea Rea, Iasi); POPA, Eugen, elev (Iasi)

Problems and exercises proposed for grades 5-8. Gaz mat B 14:
563-565 9 S '63.

SUHACI, I.; URSACHE, R.; POPA, E.; MANOIU, I.; GREBLEA, A.

Investigations of immunization in Carre's disease. Stud. cercet. inframicrobiol. 13 no.3:391-404 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.
(DISTEMPER VIRUS) (VIRUS CULTIVATION) (VACCINES)

AELOV, A.V.; POPA, E.V.

Comparative study of nonelectrolytes of the type $[CoA_3(NO_2)_2X]$.
Zhur.neorg. Khim. 8 no.2:318-331 F '63. (MIRA 16:5)

1. Institut khimi AN Moldavskoy SSR.
(Cobalt compounds) (Chemical structure)

Papa EV

Conversion of the cobaltammine nitrates on heating in the solid state. II. Comparison of bis(ethylenediamine)diaminocobalt and bis(ethylenediamine)ammoniumnitrocobalt nitrites. A. V. Ablov, Yu. V. Pina, T. A. Mal'kova. *Zhur. Neorg. Khim.* 1, 2716-25 (1956); cf. *C.A.* 49, 12170b. The behavior of *cis*- and *trans*- $[Co(cu_2(NH_3)_5)(NO_3)_2](II)$ and of *cis*- and *trans*- $[Co(cu_2(NH_3)_5)(NO_2)_2](II)$ on being heated in the solid state was studied. Both *cis*- and *trans*-I lose NH₃ from the inner sphere at 105-110° to form the same product, *cis*-bis(ethylenediamine)dinitrocobalt(III) nitrite (III). The mechanism of the reaction is discussed from the stand-point of the trans effect. *Cis*- and *trans*-II also lose NH₃ to form III. In this case the *trans* form loses the NH₃ more readily than does the *cis* form. J. Roymar Leach

ABLOV, A.V.; MAL'KOVA, T.A.; POPA, E.V.

Conversion of dinitroethylenediaminediaminocobaltinitrites
during heating in the solid state. Zhur. neorg. khim. 5
no. 12:2704-2716 D '60. (MIRA 13:12)

1. Institut khimii, Moldavskiy filial Akademii nauk SSSR.
(Cobalt compounds)

POPA, G.

Honorable tasks of the machinery manufacturing industry. p. 5.

The work and struggle for the fulfillment of the tasks of the metallurgic and machinery manufacturing industry in the second Five-Year Plan. p. 8.

METALURGIA SI CONSTRUCTIA DE MASINI

Vol. 8, no. 1, Jan. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

POPA, G.

Industrial conferences on the problem of reforestation. p. 116.

REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti. Vol. 71, no. 2, Feb. 1956

So. East European Accessions List Vol. 5, No. 9 September, 1956

BADEA, Lucian; POPA, Gh.

Terraces of the Bistrita River and deposits of the terrace in the
sector Galu-Bicaz. Probleme geog 8:163-181 '61.

POPA, Gh.

On some cryogenetic structures of the depression Praid-Sovata.
Probleme geog 8:491-497 '61.

COUNTRY	:	Rumania	H-28
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959, No. 88356	
AUTHOR	:	Popovici, D.; Popa, G.	
INST.	:		
TITLE	:	Evaluation of the Meat of Animals Slaughtered Through Necessity	
ORIG. PUB.	:	Probl. zootehn. si veterin., 1958, No 5, 71-74	
ABSTRACT	:	Bacteriological investigations of the meat and internal organs of animals slaughtered through necessity (39 heads of cattle, 11 calves and 52 hogs) showed that 33% of them were infested with staphylococci, streptococci, bacteria of <i>Salmonella</i> group, <i>B.proteus</i> , <i>B.fecalis</i> alcaligenes, <i>B.coli</i> and other microbes. In most instances the bacteria are found in the internal organs, less often in lymphatic ganglia and flesh. In all the cases, data of organoleptic tests and chemical analyses are the same as for fresh-quality meat; in addition to the usual veterinary control, the meat of animals slaughtered through necessity must be subjected to bacteriological analysis.	
CARD:			

LAURESCU, Cost.; POPA, Gavrila

Evaluation of the freshness of beef by determination of ammonia
in fluid extract. Rev. igiena microb. epidem., Bucur. no.3:81-
88 July-Sept 54.

(MEAT

beef, determ. of ammonia in fluid extract for
evaluation of freshness of meat)

(AMMONIA, determination

in meat extract, value in evaluation of freshness
of meat)

PLATAGEA, Gh.; POPA, Gh.

Study of flood discharges of the watercourses between the
Ialomita and Trotus rivers. Meteorologia hidrol gosp 6 no.1:
13-21 '61.

PLATAGEA, Gh.; POPA, Gh.

Variation of the characteristics of the hydrographic network
between the rivers Ialomita and Trotus. Probleme geog 9:129-146
Bucuresti 1961

CUNESCU, V., dr.; PETRESCU, Xenia, dr.; POPA, F., dr.

The electrocardiographical aspect of dying and clinical death.
Med. intern. 15 no.2:199-206 F '63.

1. Lucrare efectuata in Sectia de medicina interna a Spitalului
"Gh. Marinescu" Bucuresti.

(ELECTROCARDIOGRAPHY) (CARDIAC ARREST) (DEATH)

CUMESCU, V., dr.; IOAN, A., dr.; POPA, F., dr.; HOZOC, D., dr.;
THEODORESCU, B., prof.

Hemodynamic changes produced by Valsalva's maneuver in normal
persons and in patients with right or total heart insufficiency.
Med.intern., Bucur. 11 no.5:727-737 '60.

1. Lucrare efectuata in Clinica medicala, Spitalul "Coltea",
si Clinica chirurgicala "Panduri", Bucuresti.
(HEART FAILURE, CONGESTIVE, physiology)
(RESPIRATION, physiology)
(BLOOD CIRCULATION)

811-818 J.1164

1. Lucrare efectuata in Clinica I si a II-a medicala, in colaborare cu Clinica de fizziologie, Iasi.

POPA,G., dr.; NICULESCU, Marioara, dr.; POPOVICI, Maria, dr.; ROZIN, Angela, dr.; MIHAIL,E., dr.

Splenic lymph node tuberculosis with myeloproliferative syndrome.
Med. intern. 16 no.1:109-115 Ja'64.

1. Lucrare efectuata in Clinica I medicala, Iasi.

*

TUDORANU, Gh., prof.; POPA, Gh., dr.; DOBRESCU, Gioconda, dr.

Contributions to the study of osteomyelosclerosis. Med. intern. 15
no.1:31-37 Ja '63.

1. Clinica I medicala, Institutul de medicina, Iasi.
(MYELOFIBROSIS) (OSTEOSCLEROSIS)

TUDORANU, Gh., prof., dr.; POPA, Gh., dr.; POPOVICI, Maria, dr.; ROSIN, Angela, dr.; MIHAIL, E., dr.; VACARU, Olimpia, dr.

The concept of leucosarcomatosis. Med. intern. 14 no.10:1153-1159
O '62.

1. Lucrare efectuata in Institutul de medicina Iasi Clinica I
medicala (prof. Gh. Tudoranu).
(LEUCOSARCOMA) (LYMPHOSARCOMA)

POPA, Gheorghe

Some morphologic and limnologic observations in Sovata-Bai. Probleme
geog 7:283-291 '60. (EEAI 10:3)
(Rumania--Health resorts, watering places, etc.)
(Rumania--Geomorphology)
(Rumania--Limnology)

POPA, Gh.

BUMBACESCU, N., prof.; POPA, Gh., dr.

Arterial syndromes in retractile pulmonary sclerosis.
Med. int., Bucur. 9 no.3:394-401 Mar 57.

(LUNG DISEASES

sclerosis, retractile, causing aortic & pulm. stenosis
& modification of second heart sound)

(AORTIC VALVE, stenosis

caused by retractile pulm. sclerosis)

(PULMONARY STENOSIS, etiol. & pathogen.

retractile pulm. sclerosis)

(CARDIAC MURMURS AND SOUNDS, in various dis.

retractile pulm. sclerosis, causing prolonged second
heart sound)

TUDORANU, Gh., prof.; POPA, Gh., dr.; ROZIN, A., dr.; BERNEAGA, O., dr.

Eosinophilic leukemoid syndrome of allergic origin. Med. intern.,
Bucur 12 no.7:1107-1109 Jl '60.

1. Lucrare efectuata in Clinica I medicala, Iasi, director prof.
Gh. Tudoranu.

(ALLERGY, case reports) (EOSINOPHILIA, case reports)
(LEUKEMIA, diagnosis)

TUDORANU, Gh., prof.; POPA, Gh., dr.; ROZIN, Angela, dr.; HERSCOVICI, Rasela; POPESCU, Olimpia, dr.

Contribution to the study of non-pernicious megaloblastosis.
Med. intern., Bucur 12 no.11:1609-1617 N '60.

1. Lucrare efectuata in Clinica I medicala, Iași, director: prof. Gh. Tudoranu.

(ANEMIA, HYPERCHROMIC etiology)
(ANEMIA, APLASTIC, case reports)
(LEUKEMIA case reports)

POPA, G., dr.; HERSOCOVICI, Raseia, dr.; NICULESCU, Marioara, dr.

Identification of tumor cells in the blood by leucoconcentration.
Med. intern. (Bucur.) 16 no.8:933-940 Ag '64.

1. Lucrare efectuata in Clinica I medicala, Institutul medico-farmaceutic, lasi.

POPA, G., dr.

Diagnostic value of splenic puncture. Med. intern. (Bucur.) 16
no.10:1201-1208 0 '64

1. Incrare efectuata in Clinica I medicala, Jasi.

RUMANIA

POPOVICI, Prof. Dr. D.; POPA, Dr. G.; MORARU, B., Veterinary Physician; and STANESCU, V., Veterinary Physician, faculty of Veterinary Medicine (Facultatea de medicina veterinara) Bucharest.

"Correlation Between the Hydrolysis and Oxidation Processes in Evaluating the Freshness of Pork Fat"

Bucharest, Revista de Zootchnie si Medicina Veterinara, Vol 16, No. 6, June 1966; pp. 76-83

Abstract: [English summary modified] Study shows that the peroxide index is the best criterion of freshness of porcine fat. For most reliable evaluation, both the acidity and the peroxide index need to be determined. Review of literature and study in a Bucharest slaughterhouse, with 5 specimens kept at room temperature, in refrigerator and in conditions of intense aeration for up to 62 days. 3 tables, 2 Soviet, 4 Rumanian references.

1/1

BALA, M.; POFA, Gh.; DAVID, I.

Contributions to computing rigid arcs with moments of variable
inertia. Bul St si Tehn Tim 9 no.1:223-233 Ja-Je '64.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210010-7

BALA, M.; POPA, Gh.; DAVID, I.; FARCAS, D.

Diagrams for dimensioning rigid arcs with moments of variable
inertia for uniform loadings radially distributed. Bul St si
Tehn Tim 9 no.1:235-244 Ja-Je '64.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210010-7"

BALA, M.; POPA, Gh.; DAVID, I.

Lines of influence for rigid arcs with moments of variable inertia
radially loaded. Bul St si Tehn Tim 9 no.2:549-561 J1-D '64.

POPA, Gheorghe; DIMA, Petre

Device for coaxial control of the coupling thread for the drilling
pipe. Petrol si gaze 14 no.1:55 Ja '63.

l. Uzina de tuburi "Republica", Bucuresti.

MORARU, T.; CALINESCU, Maria; PLATAGEA, Gh.; POPA, Gh.; POSEA, Aurora

Contributions to the physiographic study of the Tîrnava Mica
Valley. Probleme geog. 9:157-178 '62. (publ. '63)

1. Membru corespondent al Academiei R.P.R. (for Moraru).

POPA, Gr.

VELICAN, C.; IATIS, Gh.; POPA, M.M.; POPA, Gr.

Studies of the etiopathogenesis of silicosis. Probl. ter., Bucur.
no.7:113-123 1957.

(SILICOSIS, etiol. & pathogen.
in miners)

BENARI, S.; MAN, Marinela; POPA, Gh.V.; STANA, V.

Liquid fertilizers with nitrogen. Rev chimie Min petr 16
no.1:10-15 Ja '65.

POPA GR.

✓ Colorimetric determination of palladium(II) in the presence of platinum(IV). Gr. Popa, D. Negoiu, and C. Bainescu. Acad. rep. populare Române, Studii cercetări chim. 7, 73-8 (1969). — Two org. reagents are proposed for the colorimetric dosimetry of Pd(II) and of Pd(III) in the presence of Pt(IV). The theory of functional anal. groups and of active anal. groups forms the basis of this work. The reagents are Tropeolin OO and Tropeolin O. Tropeolin OO permits the colorimetric detn. of Pd(II) between 2.46 and 89.3 γ Pd/cc. and in the presence of Pt up to the ratio of 1Pd:2Pt; Tropeolin O permits colorimetric detn. of Pd (II) at a concn. of 0.63 to 9.83 γ Pd/cc. and in the presence of Pt up to a ratio of 1Pd:240Pt. Expts. have been performed with 98.33 γ/cc. PdCl₂ soln. (dimethylglyoxime titer), in the Pulfrich Photometer, by using a blank sample, with the same amt. of reagent. M. Lapidot

SOV/75-14-3-12/29

5(2)
AUTHORS:

Popa, G., Negoiu, D., Baiulescu, G.

TITLE:

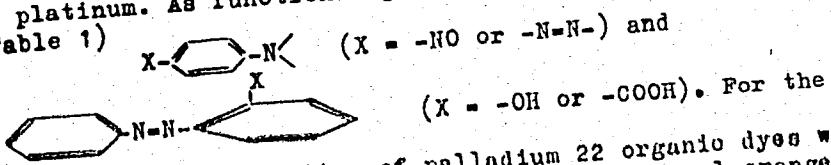
On the Problem of Functional-analytical Grouping for Palladium
(K voprosu o funktsional'no-analiticheskikh gruppiprovkakh
na palladiy)

PERIODICAL:

Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 3, pp 322-330
(USSR)

ABSTRACT:

The purpose of the investigation was a) the detection of a more general functional group for Pd than that given by L. M. Kul'berg (Ref 3), and b) to devise a sensitive photometric method of palladium determination also in the presence of platinum. As functional groups the following are given (Table 1)



photometric determination of palladium 22 organic dyes were investigated (Table 2) and from among them benzyl orange, methyl orange, "Magnezone 1" (2,4-oxy-4'-nitroazobenzene)

Card 1/2

SOV/75-14-3-12/29

On the Problem of Functional-analytical Grouping for Palladium

and methyl red were chosen (Table 3). Finally, by a comparison of the light absorption spectra methyl red was found to be the best reagent which was used for the determination of palladium in the presence of platinum at a ratio of Pd : Pt = 1 : 14. There are 3 figures, 7 tables, and 3 references, 1 of which is Soviet.

ASSOCIATION: Parhon State University, Bucharest, Rumania

SUBMITTED: March 18, 1958

Card 2/2

POPA, G

1

5

Colorimetric determination of cerium(IV) in the presence
of iron(III) and lanthanum(III) with o-dianisidine. G.
Popa, D. Negru, and Gh. Bajulescu (Univ. C. I. Parhon,
Bucharest, Romania). *Z. anal. Chem.* 167, 329-331 (1965).
—To up to 8 ml. of 20% H_2SO_4 contg. up to 100 γ Ce^{4+}
add 2 ml. 0.05% alc. o-dianisidine, dil. to 10 ml. with 20%
 H_2SO_4 , and measure at 409 m μ . If Fe^{3+} is present, in-
clude 1 ml. concd. H_3PO_4 . La^{3+} , Pr^{3+} , Nd^{3+} , and
 Er^{3+} do not interfere. K. G. Savage

POPA, Gr.; NEGOIU, D.; LUCA, C.; BAIULESCU, Gh.

Spectrophotometric study of the complex combination of Ga(III) with
quercitin (i.e., quercetin). Rev chimie 6 no.1:87-94 '61.

1. Analytical Chemistry Laboratory, Section of Chemistry, "C. I. Parhon"
University, Bucharest.

POPA, Gr.; PARALESCU, I.; BAIULESCU, Gh.

Spectrophotometric studies on the complex Pd(II) with chromotrope 2R.
Studii cerc chim 9 no.1:85-92 '61. (EEAI 10:9)

1. Laboratorul de chimie analitica, Facultatea de chimie, Universitatea "C. I. Parhon", Bucuresti.

(Spectrophotometry) (Palladium) (Chromotrope 2R)

POPA, Oleg; DATUBASHVILI, Oleg; CHUCHIN, Dzj; LERCH, R.

Heavy topsoil was determined from plot 30 (IV) with clay content by ploughing depth 0-100 cm 41.62%^a 62%^b total.

L. Universitatea "Ovidius", Facultatea de Chimie, Laboratorul de chimie analitică, Bucureşti.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210010-7"

POPA, Gr.; NEGOIU, D.; VASILESCU, Claudia

Colorimetric determination of Beryllium with the disodic salt of phenylazochromotropic acid, and spectrometric study of the compound formed. Studii cerc chim 9 no.4:629-639 '61.

1. Universitatea "C.I.Parhon", Facultatea de chimie, Laboratorul de chimie inorganica si analitica, Bucuresti.

POPA, Gr.; BAIUL-SCU, Gh.; STOICHIOTIU, Lucia

Colorimetric determination of Pd (II) in the presence of Pt (IV).
Studii cerc chim 13 no.8/9:601-605 Ag-S '64.

1. Chair of Analytical Chemistry of the Faculty of Chemistry of the
University of Bucharest, 89 Splaiul Independentei.

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 103

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342210010-7"
TOPIC TAGS: ion exchange, heat resistance, irradiation resistance

ABSTRACT: The authors describe a new inorganic ion exchanger with a marked stability in regard to high temperature and radioactive radiations. The exchange capacity of zirconyl hexahydroxoantimoniate was found to be 0.36 mval of Rb per gram and 0.3 mval of Cs per gram; the rubidium and cesium were eluted from the column by a hydrochloric acid solution at a pH of 2.5. Orig. art. has: 3 figures. [Based on authors' Eng. abst.] [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none / OTH REF: 003

Cord 1/1 75

UDC: 661.183.12:546.856-33.831.4

POPA, Gr.; BAIULESCU, Gh.; MOLDOVEANU, S.

Gravimetric analysis of Zr (IV) with p-nitrobenzol-
azosalicylic acid (PNBAS). Rev chimie 7 no. 1: 375-380
'62.

1. Lehrstuhl fur analytische Chemie, Fakultat fur Chemie,
Universitat Bukarest.

POPA, Gr.; BAIULESCU, Gh.; BARBULESCU, N.; ILIE, V.A..

The Be (II) colorimetric determination. Studii cerc chim II no.2:
291-296 '63.

1. Catedra de chimie analitica a Facultatii de chimie a
Universitatii din Bucuresti.

1. Catedra de chimie analitica, Facultatea de chimie, Universitatea din Bucuresti.

POPA, Gr.; BAIULESCU, Gh.; ILIESCU, V.

Gravimetric determination of Th (IV) with Orange II. Studii cerc
chim 10 no.3/4:367-370 '62.

1. Laboratorul de chimie analitica al Facultatii de chimie Universitatea
din Bucuresti.

L 31866-66 RO

ACC NR: AP6021274

SOURCE CODE: RU/0003/65/016/001/0010/0015

28

B

AUTHOR: Benari, S.; Man, Marinela; Popa, Gh. V.; Stana, V.

ORG: none

TITLE: Liquid nitrogenous fertilizers - the carboammoniacates. II. Semi-industrial experiments

SOURCE: Revista de chimie, v. 16, no. 1, 1965, 10-15

TOPIC TAGS: fertilizer, ammonium compound, urea, ammonia, carbon dioxide

ABSTRACT:

In this second article of a series, the authors give some data on the preparation of carboammoniacate liquid fertilizers in a semi-industrial plant with a production capacity of 3 tons daily. The plant utilizes the process of simultaneous absorption of ammonia and carbon dioxide accompanied by chemical reactions in the eutectic ammonium nitrate-urea mixture. The absorption apparatus used ensures absorption efficiency of over 96 percent, and the characteristics of the product are superior to those of liquid fertilizers of the aqueous ammonia or ammoniacate type. Orig. art. has: 1 figure, 6 formulas and 9 tables. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 02, 07 / SUBM DATE: none / ORIG REF: 008 / SOV REF: 018

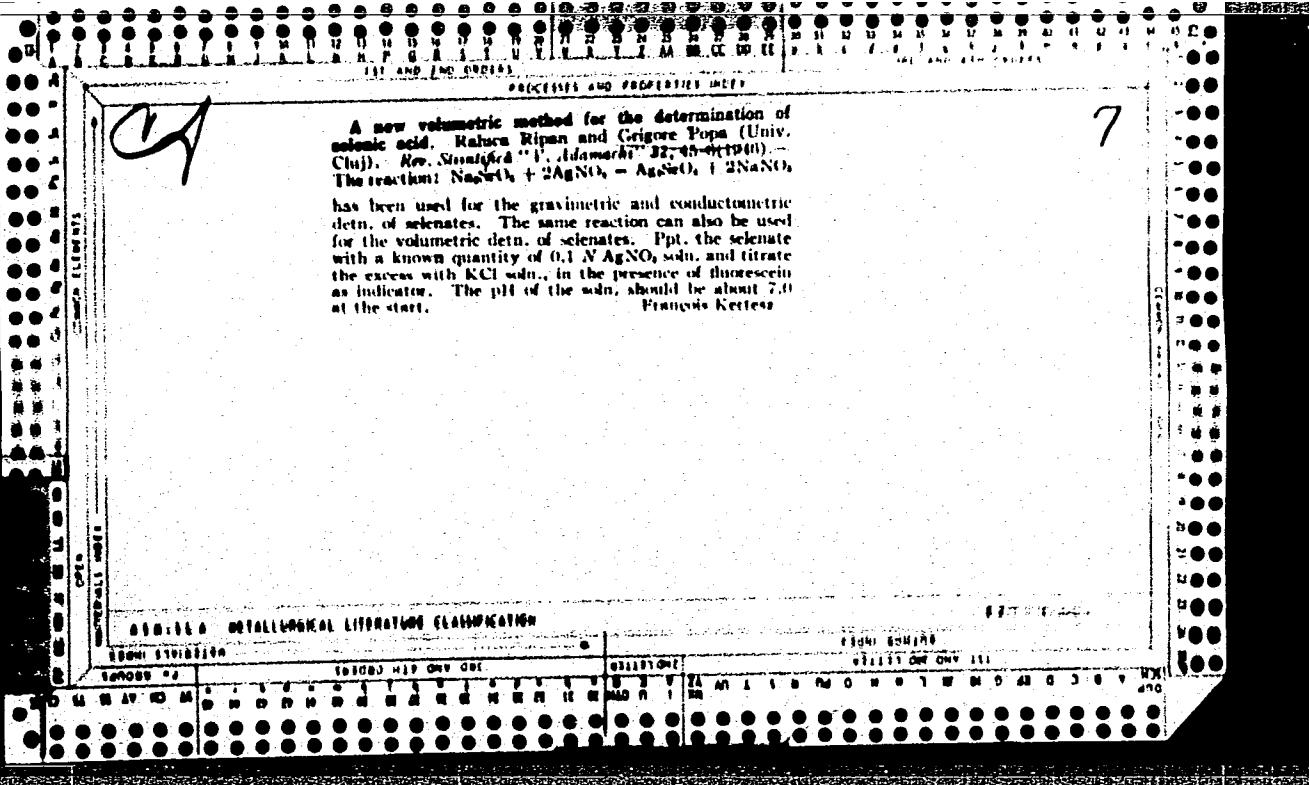
Card 1/1 JS

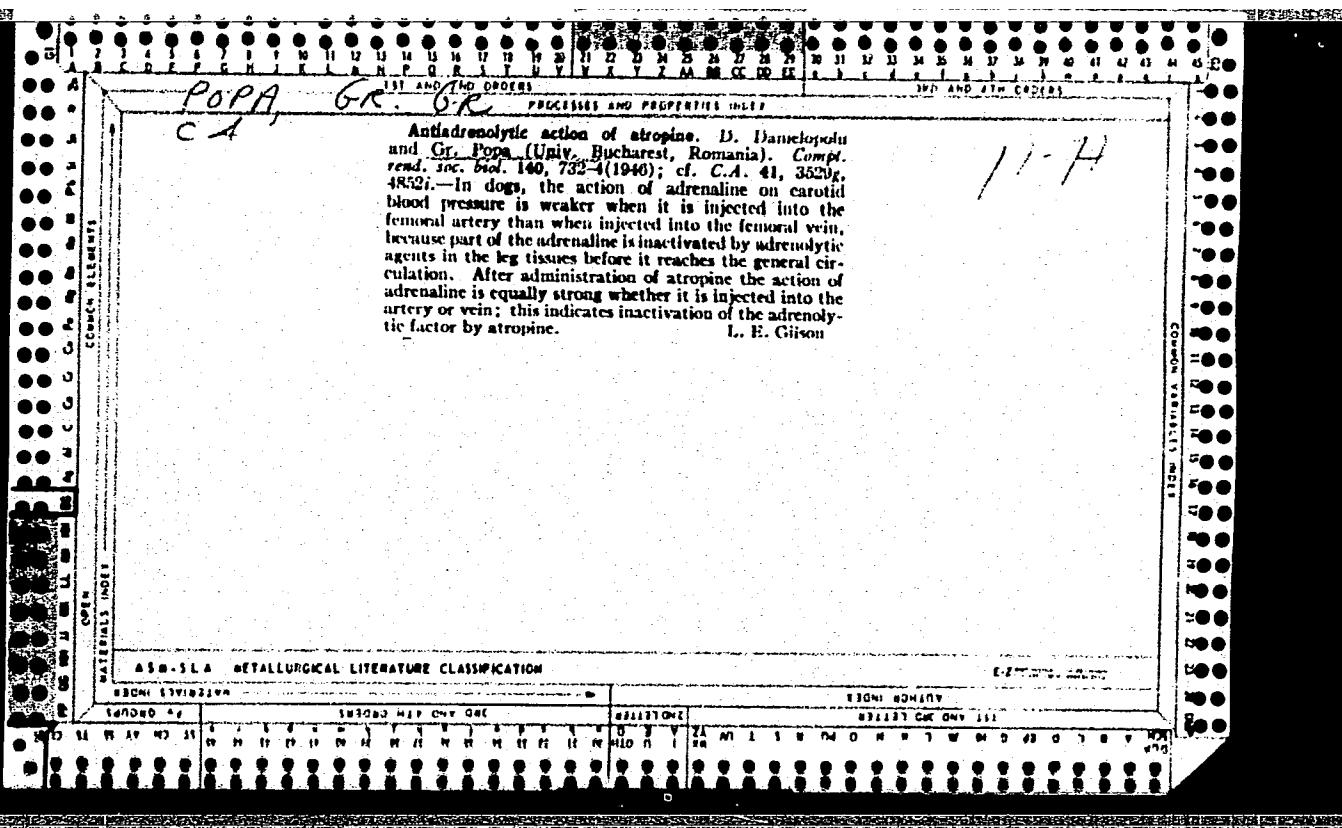
UDC: 631.8/1.001.6:66.071.7.002.5

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342210010

Antiaconitolytic and antidiuretic action of strophantidin. D. Danielescu and Gr. Popa (Inst. Clin. Med., Bucharest, Romania). *Bulletinul Societății Biologice din România* 18, 150-1 (1940).--By use of a previously described method (cf. preceding abstr.), strophantidin is shown to have these actions. Marshall E. Deutsch

RETEA DOCUMENTARĂ LITERATURĂ CLASSIFICARE





APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210010-7"

The inhibition of acetylcholine esterase and the adrenolytic factors. Antagonistic action of epinephrine, strophanthin and ascorbic acid on cholinesterase and on the adrenolytic factors Acta Pharmacologica et Toxicologica 1948, 4/3-4 (339-350) Graphs 3

The destruction of acetylcholine and adrenaline in tissues *in vivo* was studied by comparing the effect on the blood pressure of intra-arterial and intravenous injections. It was found that physostigmine and strophanthin inhibit both the cholinesterase and adrenolytic factors of the tissues, while ascorbic acid inhibits the latter, but has only a slight effect on the former.

Whittaker - Oxford

SQ: Physiology, Biochemistry & Pharmacology 2. ¹ Jan.-June 1949